

IN THE CLAIMS

1. (Previously Presented) A composition comprising a plurality of oncofetal antigen (OFA) epitopes that specifically stimulate T cytotoxic lymphocytes in a mammal, and a carrier, wherein said composition does not comprise any OFA epitope that specifically stimulates T suppressor cells.

2. (Original) The composition of claim 1, wherein said carrier is an adjuvant.

3. (Original) The composition of claim 1, further comprising an adjuvant.

4. (Original) The composition of claim 1, wherein said carrier comprises a vesicle.

5. (Original) The composition of claim 4, wherein said vesicle comprises a liposome.

6. (Original) The composition of claim 1, wherein each of said epitopes is attached to a lipophilic group.

7. (Original) The composition of claim 1, further comprising at least one OFA epitope that specifically stimulates T helper lymphocytes.

8. (Original) The composition of claim 7, wherein said at least one OFA epitope that specifically stimulates T helper lymphocytes is attached to a lipophilic group.

9. (Original) The composition of claim 7, comprising at least two OFA epitopes that specifically stimulate T helper lymphocytes.

10. (Previously Presented) The composition of claim 7, wherein said at least one OFA epitope that specifically stimulates T helper lymphocytes has about 8 to about 30 amino acids.

11. (Previously Presented) The composition of claim 10, wherein said at least one OFA epitope that specifically stimulates T helper lymphocytes has about 8 to about 12 amino acids.

12. (Original) A method for preparing an immunotherapeutic composition for use in a human, comprising: (a) identifying a plurality of oncofetal antigen (OFA) epitopes that specifically stimulate T cytotoxic lymphocytes in the human; and (b) formulating two or more of the epitopes identified in (a) with a carrier, thus forming the immunotherapeutic composition.

13. (Original) The method of claim 12, further comprising c) identifying a plurality of oncofetal antigen (OFA) epitopes that specifically stimulate T helper lymphocytes in the human, and wherein b) comprises formulating one or more of the OFA epitopes identified in c) with the two or more epitopes identified in a) and the carrier.

14. (Previously Presented) The composition of claim 1, wherein said plurality of OFA epitopes stimulates different clones of T cytotoxic lymphocytes.

15. (Previously Presented) The composition of claim 1, wherein each of said plurality of OFA epitopes is present in said composition as a mixture.

16. (Previously Presented) The composition of claim 1, wherein said plurality of OFA epitopes are linked together, thus forming one peptide.

17. (Previously Presented) The composition of claim 1, wherein said plurality of OFA epitopes is linked to a common core structure.

18. (Previously Presented) The composition of claim 17, wherein said common core structure is a multi-branched lysine or arginine core.

19. (Previously Presented) The composition of claim 1, wherein each of said plurality of OFA epitopes that specifically stimulate T cytotoxic lymphocytes comprises about 8-12 amino acid residues.

20. (Previously Presented) The composition of claim 1, wherein said plurality of OFA epitopes that specifically

stimulate T cytotoxic lymphocytes are selected from the group consisting of RTWEKLLL (SEQ ID NO:6), NTGQRAVL (SEQ ID NO:7), CNTDSPLR (SEQ ID NO:9), YVDIAIPC (SEQ ID NO:10), and GEWTAPAP (SEQ ID NO:8).

21. (Previously Presented) The composition of claim 7, wherein each of said OFA epitopes that specifically stimulate T helper lymphocytes is selected from the group consisting of SPLRYVDIAI (SEQ ID NO:15), GEWTAPAPEF (SEQ ID NO:16), AQPEVADWSE (SEQ ID NO:17), QVPSVPIQQF (SEQ ID NO:18), SAAPTAQATE (SEQ ID NO:19), and TEWVGATTDW (SEQ ID NO:20).

22. (Previously Presented) An oncofetal antigen (OFA) fragment comprising an epitope that specifically stimulates T helper lymphocytes in a mammal, wherein said composition does not comprise an OFA epitope that specifically stimulates T suppressor cells.

23. (Currently Amended) A method of treating cancer in a mammal, comprising administering to a mammal~~ia~~ian cancer patient the composition of claim 1.

24. (Currently Amended) The method of claim 23, wherein said mammal~~ia~~ian cancer patient is a human.